

Applicant : Rajendra S. Yavatkar et al.
Serial No. : 10/039,279
Filed : January 4, 2002
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Attorney's Docket No.: 10559-568001 / P12782

Amendments to the Drawings:

The attached replacement sheet of drawings includes changes to Fig. 2 and replaces the original sheet including Fig. 2.

In Figure 2, item number 24a has been clearly identified. Item number 20 is shown.

Attachments following last page of this Amendment:

Replacement Sheet (1 page)

REMARKS

The comments of the applicant below are each preceded by related comments of the examiner (in small, bold type).

The drawings are objected to because of the following information is missing or not clearly visible.

- a) Item number 20 in Fig. 2 is not shown.**
- b) Item number 24a is not legible or clearly identifiable.**

Figure 2 has been corrected.

**The disclosure is objected to because of the following informalities:
In "Description of Drawings", Fig. 4 description is not meaningful.
Appropriate correction is required.**

The disclosure has been amended.

Claims 1,2,6,10,12-17,20,23,25-53 are rejected under 35 U.S.C. 102(b) as being anticipated by Nair et al [US Pub: 2002/0103921].

Regarding claims 1,10,14-16,23,25-27,31,37-41,46-49,53 Nair et al "Method and system for routing broadband internet traffic" disclosed in their invention a distributed service router (DSR) [item 170 of Fig. 1a] implementing a routing control protocol to route packets between computer networks comprising a control-plane with a processor to implement a central control portion of the control protocol and forwarding-planes [item 120 of Fig 1a] each having a forwarding-plane processor to implement a load sharing (offload) [item 260 of Fig 2, para 0036, 0037,0085] control portion of the control protocol and ports that connect the router to the computer networks and a back-plane [item 220 of Fig 2, para 0037] to connect the control plane to a plurality of forwarding-planes and to enable processing of the packet based on an implementation of the control protocol by the control-plane and the forwarding-plane [Figs. 1-3, para 0014-0079] with a computer readable storage medium for storing routing functions software (instructions) [items, 225,230,240,245,255 of Fig 2, item 120a, 170a and 160 of Fig. 4, para 0042,0093-0109].

The applicant disagrees. In claim 1, the routing control protocol is distributed between a "central control portion" implemented in a control plane and "an offload control portion" implemented in forwarding planes. The examiner apparently contends that Nair's line cards 120 are such planes. However, Nair's line cards do not implement an offload portion of a routing control protocol. As explained in the specification at page 5, line 19 through page 6, line 18, implementing an offload portion of a routing control protocol could include, for example, directing and controlling the flow of packets between computers by generating or responding to HELLO messages or exchanging messages with another router to request a database description.

Nair's line cards only perform packet forwarding functions, which are distinct from control protocol functions. Nair explains that a line card merely looks at a packet to determine whether either (a) its routing information has already been determined, in which case the line card simply forwards the packet onward, or (b) the packet is not recognized, in which case the line card forwards the packet to another device for routing. (para. 0040). Nair's line cards do not "implement an offload control portion" of a routing control protocol as recited in claim 1.

Claims 16, 27, 31, 39, 41, 47, and 49 are patentable for at least similar reasons as claim 1.

All dependent claims are patentable for at least the same reasons as the claims on which they depend.

Canceled claims, if any, have been canceled without prejudice or disclaimer.

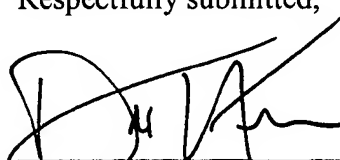
Any circumstance in which the applicant has (a) addressed certain comments of the examiner does not mean that the applicant concedes other comments of the examiner, (b) made arguments for the patentability of some claims does not mean that there are not other good reasons for patentability of those claims and other claims, or (c) amended or canceled a claim does not mean that the applicant concedes any of the examiner's positions with respect to that claim or other claims.

Enclosed is a check for \$120.00 for the Petition for One-Month Extension of Time fee. Please apply any other charges or credits to deposit account 06-1050, referencing attorney docket no. 10559-568001.

Respectfully submitted,

Date: _____

2/7/6



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